

What is claimed is:

1. A feed comprising a compound selected from the group consisting of pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives thereof, as an effective component, as well as
5 fish meal, soybean meal or a mixture thereof.
2. The feed of claim 1, wherein the pentacyclic triterpenes is maslinic acid or ursolic acid.
3. The feed of claim 1 wherein the pentacyclic triterpenes is present in the form of a defatted product derived from olive plants,
10 an extracted product derived from olive or an extracted oil derived from olive.
4. The feed of claim 3, wherein the extracted product derived from olive is one obtained by extracting a defatted product obtained in the olive oil-manufacturing process with water, an organic solvent
15 or a mixture thereof.
5. The feed of claim 3, wherein the extracted product derived from olive is one obtained by extracting olive plants with water insoluble organic solvent to obtain an olive extract and a defatted product as an extraction residue, and extracting the defatted
20 products with a water-containing hydrophilic organic solvent.
6. The feed of claim 5, wherein said defatted products are obtained from one member selected from the group consisting of fruits, seeds, pericarp, seed coat, leaves, stems, buds of the olive plants and a mixture thereof.
- 25 7. The feed of claim 5, wherein the water insoluble organic solvent is selected from the group consisting of pentane, hexane, heptane, ethylacetate and diethylether and the water-containing hydrophilic organic solvent is a water-containing alcohol.
8. The feed of claim 5, wherein the water-containing alcohol has

an alcohol content ranging from 10 to 95% by mass and the alcohol is one having 1 to 4 carbon atoms.

9. The feed of claim 1, which further comprises at least one member selected from the group consisting of antioxidants, organic acids, salts thereof, phosphoric acid and salts thereof.

10. The feed of claim 9 wherein the antioxidant is selected from the group consisting of vitamin C, vitamin E and isoflavone.

11. A method for breeding animals comprising administering to an animal in need of such breeding a compound selected from the group consisting of pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives thereof as a feed.

12. A fertilizer comprising a compound selected from the group consisting of pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives thereof, as an effective component.

13. A fertilizer comprising a defatted product derived from olive plants, an extracted product derived from olive or an extracted oil derived from olive, as an effective component.

14. A fertilizer comprising maslinic acid or ursolic acid as an effective component; oil meal; and a mineral mixture.

15. A melanin production-inhibitory agent for animals and plants comprising a compound selected from the group consisting of pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives thereof, as an effective component.

16. A melanin production-inhibitory agent for animals and plants comprising a defatted product derived from olive plants, an extracted product derived from olive or an extracted oil derived from olive, as an effective component.

17. A blackening/browning-inhibitory composition for animals and plants comprising a compound selected from the group consisting of

pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives thereof, as an effective component.

18. A blackening/browning-inhibitory composition comprising a defatted product derived from olive plants, an extracted product
5 derived from olive or an extracted oil derived from olive, as an effective component.

19. A food or beverage comprising an animal and/or a plant to which a compound selected from the group consisting of pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives
10 thereof, as an effective component is administered or applied till the blackening/browning-inhibitory index thereof is not less than 115.

20. A method for preparing a feed or a fertilizer comprising the step of treating olive plants or dried products, pulverized products or defatted products thereof with water and/or an organic solvent to
15 give an extracted product having a total content of pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives thereof ranging from 0.1 to 99.99% by mass.

21. A method for preventing or improving the blackening and/or browning of an animal or plant body comprising the step of providing
20 a compound selected from the group consisting of pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives thereof to an animal or a plant.

22. A method for preventing or improving the blackening and/or browning of an animal or plant body comprising the steps of:

25 (a) dissolving a compound selected from the group consisting of pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives thereof in water or a water-containing organic solvent to prepare a solution; and

(b) immersing an animal or a plant in the solution prepared in the

step (a).

23. A method for preventing the melanin production in an animal or plant body, comprising the step of administering or applying a compound selected from the group consisting of pentacyclic triterpenes, physiologically acceptable salts thereof and derivatives thereof to an animal or a plant.
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